APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.
09/311,918	05/14/99	CHASE	M	20160/1

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EXAMINER
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ART UNIT	PAPER NUMBER
2173	

DATE MAILED: 05/23/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

	Application No.	Applicant(s)
Office Action Summary	09/311,918	CHASE ET AL.
	Examiner	Art Unit	
	Sy D Luu	2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will
  be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this
  communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

1)☒ Responsive to communication(s) filed on <u>02 May 2001</u> .

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-20</u> is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-20</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

   a)☐ All b)☐ Some * c)☐ None of the CERTIFIED copies of the priority documents have been:

   1.☐ received.

   2.☐ received in Application No. (Series Code / Serial Number) _____ .

   3.☐ received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

   * See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e).

Attachment(s)

15) ☒ Notice of References Cited (PTO-892)   18) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)   19) ☐ Notice of Informal Patent Application (PTO-152)
17) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>4,5</u> .   20) ☐ Other: .

DETAILED ACTION

1.   This communication is responsive to a RCE, amendment B, filed 4/9/2001.

2.   Claims 1-20 are pending in this application. Claims 1, 14 and 18 are independent

claims. In the amendment, filed on 4/9/2001, claims 1, 14 and 18 were amended.   This action is

made Non-Final.

Claim Rejections - 35 USC 103

3.   The text of those sections of Title 35, U.S. Code not included in this action can be found

in a prior Office action.

4.   Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable Farros et al.

("Farros", US # 5,930,810) in view of Cheng et al. ("Cheng", US # 6,012,070).

As per claim 1, Farros teaches an interactive image display system for displaying a

printed article as it will appear when printed comprising: a user interface component (fig. 4,

element 308), to accept information from a user for producing said printed article (col. 2, lines

60-65), and to display a graphic image representing said printed article to said user (fig. 5; col. 2,

lines 55-60); a graphic layout component, to process said information and produce a graphic

description file based on said information (fig. 1, element 100; col. 4, lines 17-27), said graphic

description file to be used in a batch printing process for printing said printed article (col. 2, lines

65-67); and an image producing component, to process said graphic description file and produce

said graphic image based on said graphic description file, said graphic image for display to said

user by said user interface component (col. 4, lines 39-48).

Farros does not teach said graphic description file to be the only file needed for the batch printing process. Cheng teaches a digital design station allowing users to create a customized form or brochure in electronic format using templates containing graphics before transmitting the information to a remote printing installation (abstract, lines 5-12; col. 2, lines 27-43). Cheng further indicates the electronic format to be a Postscript graphic description file (fig. 14, element 110; col. 10, col. 10, lines 52-53). It would have been obvious to an artisan at the time of the invention to combine Cheng's teaching of using only one graphic description file for the batch printing process with Farros in order to simplify the management of files to be transmitted as well as to improve on the efficiency and compactness of information to be transmitted to a remote printing installation.

As per claim 2, Farros teaches said user interface component to maintain said information from said user, allowing said user to modify a part of the information in order to view changes in said displayed printed article (col. 2, lines 60-65).

As per claims 3 and 4, Farros teaches said user interface component to maintain said information from said user, allowing said graphic layout component to produce a graphic description file, and said image producing component to produce a graphic image for a different printed article, and said information maintained by said user interface component to be used for preparing a print job for said user (col. 4, lines 16-48).

As per claims 5-7, Farros teaches said graphic image to be displayed with a background image representing an article to be printed on, wherein said background image is an image of paper stock to be printed on and said background image is sized to be the same size as said graphic image (col. 6, lines 58-65; fig. 10, elements 1007-1011).

As per claim 8, although Farros does not expressly disclose that the user can modify font sizes by specifying a percentage increase or decrease, Farros does teach that the users can modify font sizes (col. 8, lines 65-67). Since it is well known in the art that one of the manner that users can modify font sizes for display or printing is by specifying a percentage increase or decrease, it would have been obvious to an artisan at the time of the invention to include such a feature with Farros system to further provide a quick and easy means for a user's to modify font sizes.

As per claim 9, Farros teaches said graphic description file to be a Postscript file (col. 4, lines 42-43).

As per claims 10-11, Farros teaches said information from said user to include an indication of a predefined template, said predefined template including layout information for a printed article; and said graphic layout component, uses said predefined template to produce said graphic description file, and said predefined template includes at least one area for printing (col. 4, lines 21-27).

As per claim 12, Farros teaches said interactive display system to provide graphic images representing a plurality of related printed articles from said information from said user (col. 4, lines 21-30).

As per claim 13, Farros teaches said user interface component interacts with said user over the internet (col. 7, lines 7-10).

Claim 14 is similar in scope to the combination of claims 5 and 11, and is therefore rejected under similar rationale.

Claims 15-16 are similar in scope to claims 6-7 respectively, and are therefore rejected under similar rationale.

As per claim 17, Farros teaches the method to include the steps of: upon receiving an indication that said printed article is to be printed, storing said text information and an indication of said selected predefined template along with an order indication number; and upon receiving an indication that said printed article is ready to be printed, producing a graphic description file based on said text information and predefined template, said graphic description file to be used for said printing process (col. 5, lines 12-32).

Claims 18 and 19-20 are similar in scope to claims 2 and 12-13 respectively, and are therefore rejected under similar rationale.

Response to Arguments

5. Applicant's arguments with respect to claims 1, 14 and 18 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Heiney et al. (US # 5,983,243) teaches a method for preparing a presentation ready document containing description language instruction.

IBM Technical Disclosure Bulletin (Vol. No. 35, Issue No. 4B, pages 110-111, September 1, 1992) teaches the generation of compact Postscript files for both display and printing.
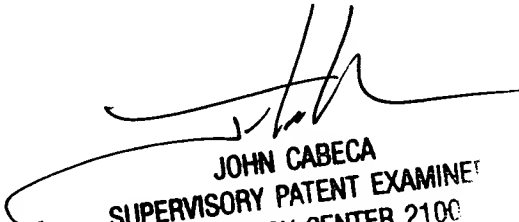
Inquires

7.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sy Luu whose telephone number is **(703) 305-0409**. The examiner can normally be reached on Monday - Thursday from 6:30 am to 4:00 pm (EST). The examiner can also be reached on alternate Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca, can be reached on (703) 308-3116.

The fax number for the organization where this application or proceeding is assigned is (703) 308-6606.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Sy D. Luu
Patent Examiner
May 18, 2001

JOHN CABECA
SUPERVISORY PATENT EXAMINER
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